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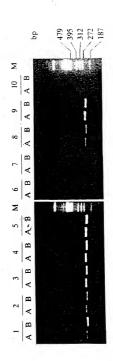


Figure 1

					2/17
	-250	AGGA CCC	99		:
, y	-230	GTGCAGCCT CC			Α
	-240	GAGTGT C			
	-250	CGTTAGTAT		0.0	Figure 2
	-260	AG CCATGG			
	-250	CCACCATGARICACTCCCCTG GAGGAACTACTGTTT CA CGCAGAAGCGTCTAG CCATGG CGTTAGTAT GAGTGT C GTGCAGCCT CCAGGA CCC		3	Figure 2
	-280	CTGTCTT CA			-6
	-290	GAGGAACTA			
	-300	TCACTCCCCTGT			
	-310	CCACCATGAA	9	AG	
	type	<b>a</b> 4	2a 2b	3a	4
	-	HCV 1	HC J6 HC J8	BR56 E-b8	92

Figure 2 (continued 1)

-150	GGGTCCTT		6	22			
-160	AATTGCCAGGACGACC GGGTCCTT		61	c61	c1661		
-170	AATTG(	-		Y V			
	GTACACCGG					2	
-180	SGGTGA						
-190	TCTGCGGAAC						
-200	GCCATAGTGG						
-210	CCCTCCCGGGAGGCCATAGTGG TCTGCGGAACCGGTGA GTACACCGG AATTGCCAGGACGAC GGGTCCTT						
	Š	į	i		1 1	1 1 1 1	

be	1a 1b	28 28 25	3a	4444
₹	tcv.)	10.16 JP62 3881 HCJ8	BR56 E-b8	26 8U79 8U74 GB80

-60 AGGCCTTG GGT				
02- 661CGCGA A	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
-80     TAGTGTTG				Figure 2 (continued 2)
CGAG				5
-100 -90 -80 -80 -80 -80 -80 -80 -80 -80 -80 -8		6	- 5 - 6- - 20	Figure
8- 13:1 1- 13:1	1111			
110	AC		1 1 7 1	
-130 -120 GCTCAAT GCCTGGAGA T	A A T T T C C C A A A A A A A A A A A A	ACAA- ACAA-	- C - A	
-130 SC GCTCAAT	A A T		1118	
-140 -150 -120 -120 -110 -100 -90 -90 -90 -90 -90 -90 -90 -90 -90 -	AA	15,16	- A-C-A- 	
type 1a 1b	2a 2a 2a 2b	3a 3b	4444	
HCV1 HCV3	HCJ6 JP62 GB81 HCJ8	BR56 E-b8	26 BU79 BU74 GB80	
	su	BSTITUTE	SHEET	

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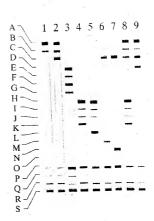


Figure 3

6/17 69 60 61 60 60 61 60 60 61 60 60 61 60 60 61 60 60 61 60 60 61 60 60 61 60 60 61 60 60 61 60 60 61 60 60 61 6

		SB			SE	SE		SE		- 0	5
Fe D	-	2	<u>_</u>	1	P)	- 1	v		9	T	
170 -160 -150 -140 ref.	GAGTGTCGTGCAGCTCCAGGACCC*AGTACACCGGAATTGCCAGGACGGGCCGGGTCCTTTCTTGGATC.AA 1		A		A-G-A-A-T		C		9 'A		54
-220 -180	CAGGACCC*AGTAC	***		C*		* D		* * *		C	*
-240 -230	GAGTGTCGTGCAGCCTCC	T		А	A	A					
Type	P P			2a	25 25	2c		9 8 6	,	35	30
	late	HCV-J BE82 BE90		HC-J6	HC-J8 BE91	BE92		BR56 BE93	1,000	HCV-TR	BE98

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	SEQ ID NO 67 SEQ ID NO 68 SEQ ID NO 69 SEQ ID NO 70		SEQ ID NO 72 SEQ ID NO 73 SEQ ID NO 74		SEQ ID NO 71	SEQ ID NO 81	SEQ ID NO 76	SEQ ID NO 75
Accession number	. A		42	Α	40	ATC	.T.	49
-170 -160	0.00	TDD			93-	TQT-	C 52	-TT-
0 -220 -180	37	C	* * *		39	TTT	51	*
oe -240 -230	TA	TA		TA	Ŀ	A-	TA	T-'A
Iso- Type	GB48 4a GB116 4a GB569 4a GB358 4a	Z1 4b	M600 M736 809	DK13 4d	GB549 4e	GB438 4f	GB724 49 BE97 49	GB487 4h

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Accession Parmber -140 ref.

-160

-220 -180

-230

-240 lype

Iso-late SA1 BE95 BE96 HK1 HK2

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е9 65

Figure 4-1 (continued 2)

SEQ 1D NO 78 SEQ ID NO 79

....A.... 

Figure 4-2

Accession number ref.	п	2	3	4		w	9
	A.S.	111	:	1.1	:		
- 70	тесетсес		T		T		
- 80	SAGTAGTGT	30	T	TCT	C		
06-	CCCGCTCAATGCCTSGAGATTTGGGCCTGC <u>CCCCGCAAGACTGCTA</u> GCCGAGTAGTGTTGGGTCGCGA	30		L	T		AGTCA
-100	CCCCCGCAAG	-5555555555555-				GTCA	9
-110	rrresecere	29		AC-	34	35	
-120	TGCCTGGAGA		ATCTC	ATT-CTCAC	AT34	A CA B CA B CA	- tA
-130	CCCGCTCAA	9	AT-	AT-	AT-		
Type	1a	444	2a	2b 2b	2c	3a 3a	3b
Isolate Type	HCV-1	HCV-J BE82 BE90	HC-J6	HC-J8 BE91	BE92	BR56 BE93 BE94	HCV-TR

Figure 4-2 (continued)

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Accession reference number æ C-CA -----TC---A-------A A 0.00 - 70 -90 -100 20 -110 46 -130 Isolate Type 444 4 h 949 222 30 CAM600 CAM736 GB809 GB48 GB116 GB569 GB358 GB549 GB487 GB724 BE97 GB438 SA1 BE96 BE95 BE98 HK1

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18/256568 PCT/EP93/03325

STVTESD I RTEEATYGCDLDPDARVA I KSLTERLYVGGPLTNSRGENCGYRRCRASGVLTTSCGNTLTCY I KARAACRAAGL OD CTMLVGGDDL VV I CE --1----K-----K-----...-K---IV-PV------S-------K-PSF-----VS----AK-----RNPDF-----VA----F------A-----A---------KG-S------7----W---W--------H------E-------E-E--K--SA------I---MY--K-LQ-----------------------R------S---A-S-PQE--TV-H------MI--K-QS-----------------R------S---A-S-PQE--TV-H-------M---K-QS-----Q-E--A--R---Q---C---MY--K-QQ---------H--M---S---SLY-Q-E----R---Q---C---MY--K-QQ-------A-E ---S---S---

figure 5

4CV-CHINA HCV-T HC-J4.91 KCV-TA ICV-JK1 HCV-BK HCV-JT HCV-H HCV-J HC-J1 4C-J6 GB116 GB215 38358 9888 BE90 BE91 3E92 8E93 19 110 SUBSTITUTE SHEET

SEQ ID NO

Figure 5 (continued)

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-0-TE-ERN----0-NE-ERN----0-TE-ERN----0-TE-ERN---۸----۸----1---۸----1---SAGVQEDAASLRA ---Y----1---A----1---۸----1-------Y-----Y----D--D--RTA---HCV-1 HC-J1 HCV-H HCV-J1 HCV-ZK1 HCV-ZK1 HCV-T HCV-TA HCV-TA HCV-TA HCV-LT HCV-

HC-J6 HC-J8 BE91 BE92

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